

POWDER COMPRESSION MOLDING MACHINE

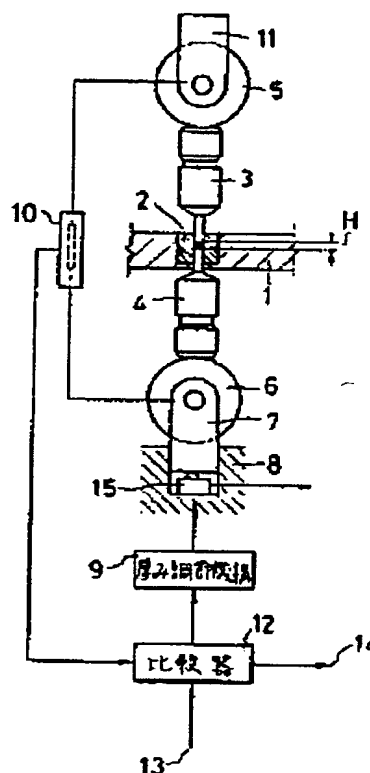
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Abstract of JP61111800

PURPOSE: To adjust automatically a thickness by providing a thickness sensor and also a thickness adjusting mechanism for adjusting a height position of a lever, and executing a comparing decision of a thickness calculated from an output of the thickness sensor, and a reference thickness.

CONSTITUTION: A thickness sensor 10 for detecting a lever tip interval is provided between an upper lever 3 and a lower lever 4, and also a roll holder 7 of a lower roll 6 is fixed to a supporting member 8. Also, a thickness adjusting mechanism 9 is provided on the supporting member 8, so that a height position of the lower lever 4 can be adjusted.

Whenever molding is executed at a compression molding position, an output of the thickness sensor 10 is inputted to a comparator 12, a measured thickness T' of a formed part is calculated and compared with a reference thickness T , and a lever tip interval correcting signal is outputted to the adjusting mechanism 9. According to this method, and interval H of the upper and lower levers 3, 4 is adjusted, and this adjustment is repeated. Accordingly, the thickness can be adjusted automatically.



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